

**SIKKIM**



**GOVERNMENT**

**GAZETTE**

**EXTRAORDINARY  
PUBLISHED BY AUTHORITY**

**Gangtok**

**Tuesday 15<sup>th</sup> November, 2016**

**No. 431**

**GOVERNMENT OF SIKKIM  
FORESTS, ENVIRONMENT AND WILDLIFE MANAGEMENT DEPARTMENT  
DEORALI, GANGTOK-737102**

**No. 268/GOS/FEWMD/Pr.Secy-PCCF**

**Dated: 07.11.2016**

**NOTIFICATION**

With the approval of the Government, the Forests, Environment & Wildlife Management Department is hereby pleased to revise and fix the schedule of rates for various logging and conversion works as under, with effect from 1<sup>st</sup> October 2016.

<b>Sl. No.</b>	<b>Items of Work</b>	<b>Unit</b>	<b>Rate (SOR 2016)</b>	<b>Remarks</b>
I(a)	Conversion of logs into timber in Govt. saw-mill (Departmental conversion)			Inclusive of loading, unloading, headload carriage
a	Class 'A'- Hardwood Species	cft	Rs. 100.00	
b	Class 'B' - Medium Hardwood Species	cft	Rs. 85.00	
c	Class 'C' - Softwood species	cft	Rs. 70.00	Headload carriage, loading & unloading done by private
I(b)	Conversion of logs into timber in Govt. saw-mill (Conversion for Private party)			
a	Class 'A'- Hardwood Species	cft	Rs. 55.00	
b	Class 'B' - Medium Hardwood Species	cft	Rs. 50.00	
c	Class 'C' - Softwood species	cft	Rs. 45.00	Exclusive of transportation by mechanical means.
II	Thinning operation undertaken by Utilization Division			
a	Moderate Terrain			
	Low Altitude	no.	Rs. 165.00	
	High Altitude	no.	Rs. 250.00	

b	Difficult Terrain	no.				Exclusive of transportation by mechanical means.	
	Low Altitude	no.	Rs. 200.00				
	High Altitude	no.	Rs. 300.00				
III	Extraction of logs & poles						
a	Moderate Terrain					Exclusive of transportation by mechanical means.	
	Low Altitude	cft	Rs. 280.00				
	High Altitude	cft	Rs. 420.00				
b	Difficult Terrain						
	Low Altitude	cft	Rs. 345.00			Exclusive of transportation by mechanical means.	
	High Altitude	cft	Rs. 510.00				
IV	Conversion of one pile firewood by Utilization Division					Exclusive of transportation by mechanical means.	
a	Mixed Species						
	Low Altitude	pile	Rs. 580.00				
	High Altitude	pile	Rs. 870.00				
b	Hardwood species Low Altitude	pile	Rs. 765.00			Exclusive of transportation by mechanical means.	
	High Altitude	pile	Rs. 1,150.00				
V	Manufacture of charcoal per bag (one bag = 40kg)	bag	Rs. 315.00				
VI	Removal of Posing danger trees		Easy	Moderate	Very difficult	Responsibility of determining operational difficulty level lies with the DFO (Utilisation Division)	
a	Girth 3' to 5'	no.	Rs. 8,845	Rs. 14,682	Rs. 19,527		
b	Girth 5' to 7'	no.	Rs. 14,740	Rs. 19,605	Rs. 26,074		
c	Girth 7' to 8'	no.	Rs. 21,083	Rs. 28,041	Rs. 37,294		
d	Girth 8' to 9'	no.	Rs. 23,193	Rs. 30,846	Rs. 41,026		
e	Girth 9' to 10'	no.	Rs. 27,409	Rs. 36,455	Rs. 48,485		
VII	Carriage of Forest Produce by Mechanical Means					Basis for carriage rates proposed is 200cft for	
a	Within a distance of 0 to 5 km	cft	Rs. 8				
b	Within a distance of 5 to 10 km	cft	Rs. 11				

c	Within a distance of 10 to 15 km	cft	Rs. 13	timber or 6 piles of firewood or 100 cfts of logs & poles in one truckload
d	Within a distance of 15 to 20 km	cft	Rs. 16	
e	Within a distance of 20 to 30 km	cft	Rs. 22	
f	Within a distance of 30 to 40 km	cft	Rs. 28	
g	Within a distance of 40 to 50 km	cft	Rs. 33	
h	Within a distance of 50 to 60 km	cft	Rs. 39	
i	Within a distance of 60 to 75 km	cft	Rs. 47	
j	Within a distance of 75 to 90 km	cft	Rs. 56	
k	Within a distance of 90 to 105 km	cft	Rs. 64	
l	Within a distance of 105 to 120 km	cft	Rs. 73	

**By order and in the name of the Governor.**

**Dr. Thomas Chandy, IFS  
 Principal Secretary-cum-PCCF  
 Forests, Environment & Wildlife Management Department**

## I (a). Conversion of logs into timber in saw-mill at Chuba (Departmental conversion)

## **Class 'A'-Hardwood Species (Pakhasaj, Sal, Katus, Teak, Sour, Buk, Kimbu, Phalat, Sissam, Panisaj)**

<b>Sl. No.</b>	<b>Items of Work</b>	<b>Unit</b>	<b>Total Rate (in Rs.)</b>
1	Logging of logs manually from logyard to saw bench	cft	15.90
2	Sawing/cutting of logs at saw mill i/c lift & lead	sft	31.80
3	Collection, segregation, stacking of timber & other	cft	13.20
4	Headload carriage of timber from stock to roadhead	cft	9.90
5	Loading/unloading including rearrangement of timber	cft	26.40
6	Cost of implements or cost of preparation of implements	LS	5.00
7	Contingencies for unforeseen expenditure @ 2 %		2.04

**Class 'B' - Medium Hardwood Species (Chekrasi, Khamari, Tarpin, Malagiri, Chilawney, Lampatey, Champ, Tooni & Okher)**

Sl. No.	Items of Work	Unit	Total Rate (in Rs.)
1	Rolling of logs manually from logyard to saw bench	cft	13.25
2	Sawing/cutting of logs at saw mill i/c lift & lead	sft	26.50
3	Collection, segregation, stacking of timber & other	cft	11.00
4	Headload carriage of timber from stock to roadhead	cft	8.25
5	Loading/unloading including rearrangement of timber	cft	22.00
6	Cost of implements or cost of preparation of implements	LS	5.00
7	Contingencies for unforeseen expenditure @ 2 %		1.72
		Total	97.72

*Add. Provision for Labour Cess @ 1 % of the Total Amount* 0.88  
88.60  
Say      **Rs. 85.00**

**Class 'C' - Softwood species (Chirpine, Kawla, Utis, Dhupi, Silver Oak, Gokul, Kadam, Simal, Maina, Mahwa, Cherry, Phusurey Champ, Siris, Lapshi & all species not mentioned above)**

<b>Sl. No.</b>	<b>Items of Work</b>	<b>Unit</b>	<b>Total Rate (in Rs.)</b>
1	Rolling of logs manually from logyard to saw bench	cft	10.60
2	Sawing/cutting of logs at saw mill i/c lift & lead	sft	21.20
3	Collection, segregation, stacking of timber & other	cft	8.80
4	Headload carriage of timber from stock to roadhead	cft	6.60

5	Loading/unloading including rearrangement of timber	cft	17.60
6	Cost of implements or cost of preparation of implements	LS	5.00
7	Contingencies for unforeseen expenditure @ 2 %		1.40
	<b>Total</b>		<b>71.20</b>

Add Provision for Labour Cess @ 1 % of the Total Amount

0.71

71.91

Say

**Rs. 70.00**

**(b)- Conversion of logs into timber in saw-mill at Chuba (Conversion for pvt. party)**

## **Class 'A'-Hardwood Species (Pakhasaj, Sal, Katus, Teak, Sour, Buk, Kimbu, Phalat, Sissam, Panisaj)**

Sl. No.	Items of Work	Unit	Total Rate (in Rs.)
1	Logging of logs manually from logyard to saw bench	cft	15.90
2	Sawing/cutting of logs at saw mill i/c lift & lead	sft	31.80
3	Collection, segregation, stacking of timber & other	cft	13.20
4	Headload carriage of timber from stock to roadhead	cft	0.00
5	Loading/unloading including rearrangement of timber	cft	0.00
6	Cost of implements or cost of preparation of implements	LS	5.00
7	Contingencies for unforeseen expenditure @ 2 %		1.32
<b>Total</b>			<b>67.22</b>

*Add. Provision for Labour Cess @ 1 % of the Total Amount*

0.67

67.89

**Say**

**Rs. 55.00**

## **Class 'B' - Medium Hardwood Species (Chekrasi, Khamari, Tarpin, Malagiri, Chilawney, Lampatey, Champ, Tooni & Okher)**

Sl. No.	Items of Work	Unit	Total Rate (in Rs.)
1	Rolling of logs manually from logyard to saw bench	cft	13.25
2	Sawing/cutting of logs at saw mill i/c lift & lead	sft	26.50
3	Collection, segregation, stacking of timber & other	cft	11.00
4	Headload carriage of timber from stock to roadhead	cft	0.00
5	Loading/unloading including rearrangement of timber	cft	0.00
6	Cost of implements or cost of preparation of implements	LS	5.00
7	Contingencies for unforeseen expenditure @ 2 %		1.12
<b>Total</b>			<b>56.87</b>

**Add. Provision for Labour Cess @ 1 % of the Total Amount**

0.57

57.43

**Say**

**Rs. 50.00**

**Class 'C' - Softwood species (Chirpine, Kawla, Utis, Dhupi, Silver Oak, Gokul, Kadam, Simal, Maina, Mahwa, Cherry, Phusurey Champ, Siris, Lapshi & all species not mentioned above)**

Sl. No.	Items of Work	Unit	Total Rate (in Rs.)
1	Rolling of logs manually from logyard to saw bench	cft	10.60
2	Sawing/cutting of logs at saw mill i/c lift & lead	sft	21.20
3	Collection, segregation, stacking of timber & other	cft	8.80
4	Headload carriage of timber from stock to roadhead	cft	0.00
5	Loading/unloading including rearrangement of timber	cft	0.00
6	Cost of implements or cost of preparation of implements	LS	5.00
7	Contingencies for unforeseen expenditure @ 2 %		0.91
<b>Total</b>			<b>46.51</b>

*Add. Provision for Labour Cess @ 1 % of the Total Amount* 0.47  
46.98  
**Say** **Rs. 45.00**

## **II. Thinning operation undertaken by Utilization Division**

### **Moderate Terrain**

Sl. No.	Items of Work	Unit	Total Rate in Rs.	
			Low Altitude	High Altitude
1	Cutting & clearing of vegetation around each tree to be felled.	no.	7.70	11.55
2	Cutting, lopping, felling of trees & pruning of branches & twigs of each tree	no.	26.50	39.75
3	Logging in required size of ballies by 2 labs with cross-cut saw	no.	55.00	82.5
4	Dragging, rolling, sliding of ballies from worksite to nearest stock-site upto 100 mtrs.	no.	27.50	41.25
5	Headload carriage of ballies from stock-site to road head upto 100m	no.	11.00	16.5
6	Loading of ballies/poles on truck	no.	11.00	16.5
7	Unloading of ballies and restacking in a safe place	no.	15.40	23.1
8	Cost of carriage by Truck	no.	0.00	0
9	Cost of implements & accessories	LS	8.00	12
10	Contingencies for unforeseen expenditure @ 2 %		3.24	4.86

AHS-11-64-1 C-244-40 T-114-1 100 0.10

\*Note: Separate SOR for Carriage/Transportation prepared hence not included in this rate

	167.00	250.49
	Rs. 165.00	Rs. 250.00

#### Difficult Terrain

Sl. No.	Items of Work	Unit	Total Rate in Rs.	
			Low Altitude	High Altitude
1	Cutting & clearing of vegetation around each tree to be felled.	no.	9.63	14.44
2	Cutting, lopping, felling of trees & pruning of branches & twigs of each tree	no.	33.13	49.69
3	Logging in required size of ballies by 2 labs with cross-cut saw	no.	68.75	103.13
4	Dragging, rolling, sliding of ballies from worksite to nearest stock-site upto 100 mtrs.	no.	34.38	51.56
5	Headload carriage of ballies from stock-site to road head upto 100m	no.	13.75	20.63
6	Loading of ballies/poles on truck	no.	13.75	20.63
7	Unloading of ballies and restacking in a safe place	no.	19.25	28.88
8	Cost of carriage by Truck	no.	0.00	0.00
9	Cost of implements & accessories	LS	8.00	12.00
10	Contingencies for unforeseen expenditure @ 2 %		4.01	6.02
<b>Total</b>			<b>204.64</b>	<b>306.96</b>

Add. Provision for Labour Cess @ 1 % of the Total Amount

	2.05	3.07
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\*Note: Separate SOR for Carriage/Transportation prepared hence not included in this rate

	206.68	310.03
	Rs. 200.00	Rs. 300.00 Say

#### **III. Extraction and Transportation of logs & poles**

##### Moderate Terrain

Sl. No.	Items of Work	Unit	Total Rate in Rs.	
			Low Altitude	High Altitude
1	Cutting, felling of trees and pruning & lopping operation by skilled labs	cft	70.09	105.13
2	Logging of required size of logs and ballies by unskilled labs	cft	55.00	82.50
3	Dragging, rolling, sliding of ballies & logs from worksite to nearest loading site	cft	41.25	61.88
4	Headload carriage upto road head b by unskilled labs.	cft	27.50	41.25

5	Loading of logs and poles by unskilled labs	cft	19.24	28.86
6	Unloading of logs & poles by unskilled labourers	cft	19.24	28.86
7	Carriage by mechanical transport from road head to Chuba sawmill average distance 70km for one full truck load 200 cft which comes about 8 ton. LS	LS	0.00	0.00
8	Collection, carriage & disposal of debris of leftover spoils	LS	20.00	30.00
9	Cost of implements & accessories like ropes, saw blade, red & green flags, whistle, P.oil for hand saw machine etc.	LS	25.00	37.50
10	Contingencies for unforeseen expenditure @ 2 %		5.55	8.32

**Total      282.86      424.29**

*Add. Provision for Labour Cess @ 1 % of the Total Amount*      2.83      4.24

*\*Note: Separate SOR for Carriage/Transportation prepared hence not included in this rate*      **285.69      428.54**  
**Rs. 280.00      Rs. 420.00 Say**

#### Difficult Terrain

Sl. No.	Items of Work	Unit	Total Rate in Rs.	
			Low Altitude	High Altitude
1	Cutting, felling of trees and prunning & lopping operation by skilled labs.	cft	87.61	131.41
2	Logging of required size of logs and ballies by unskilled labs	cft	68.75	103.13
3	Dragging, rolling, sliding of ballies & logs from worksite to nearest loading site	cft	51.56	77.34
4	Headload carriage upto road head by unskilled labs.	cft	34.38	51.56
5	Loading of logs and poles by unskilled labs	cft	24.05	36.07
6	Unloading of logs & poles by unskilled labourers	cft	24.05	36.07
7	Carriage by mechanical transport from road head to Chuba sawmill average distance 70km for one full truck load 200 cft which comes about 8 ton. LS	LS	0.00	0.00
8	Collection, carriage & disposal of debris of leftover spoils	LS	20.00	30.00
9	Cost of implements & accessories like ropes, saw blade, red & green flags, whistle, P.oil for hand saw machine etc.	LS	25.00	37.50

10	Contingencies for unforeseen expenditure @ 2 %		6.71	10.06
		Total	342.10	513.15

Add. Provision for Labour Cess @ 1 % of the Total Amount 3.42 5.13

\*Note: Separate SOR for Carriage/Transportation prepared hence not included in this rate 345.52 518.29  
Rs. 345.00 Rs. 510.00 Say

#### IV. Conversion of one pile firewood by Utilization Division

##### Mixed Species

Sl. No.	Items of Work	Unit	Total Rate in Rs.	
			Low Altitude	High Altitude
1	Cutting/felling of trees/poles including pruning of branches and tops by axe/saw	Pile	110.00	165.00
2	Resizing, splitting of logs/branches into required shape & size	Pile	110.00	165.00
3	Piling of firewood into standard size 5'x5'x2.5'	Pile	55.00	82.50
4	Headload carriage of firewood from work site to road-site upto 300 mtrs	Pile	55.00	82.50
5	Loading of firewood on truck at worksite and unloading and rearrangement at store	Pile	220.00	330.00
6	Transportation by truck	8 piles	0.00	0.00
7	Cost or hire charge of implements & accessories	LS	14.00	21.00
8	Contingencies for unforeseen expenditure @ 2 %		11.28	16.92
		Total	575.28	862.92

Add. Provision for Labour Cess @ 1 % of the Total Amount 5.75 8.63

\*Note: Separate SOR for Carriage/Transportation prepared hence not included in this rate 581.03 871.55  
Rs. 580.00 Rs. 870.00

##### Hardwood species

Sl. No.	Items of Work	Unit	Total Rate in Rs.	
			Low Altitude	High Altitude
1	Cutting/felling of trees/poles including pruning of branches and tops by axe/saw	Pile	146.30	219.45
2	Resizing, splitting of logs/branches into required shape & size	Pile	146.30	219.45
3	Piling of firewood into standard size 5'x5'x2.5'	Pile	73.15	109.73
4	Headload carriage of firewood from work site to road-site upto 300 mtrs	Pile	73.15	109.73

5	Loading of firewood on truck at worksite and unloading and rearrangement at store	Pile	292.60	438.90
6	Transportation by truck	8 piles	0.00	0.00
7	Cost or hire charge of implements & accessories	LS	14.00	21.00
8	Contingencies for unforeseen expenditure @ 2 %		14.91	22.37
	<b>Total</b>		<b>760.41</b>	<b>1,140.62</b>

*Add. Provision for Labour Cess @ 1 % of the Total Amount*      **7.60**      **11.41**

## **V. Manufacture of charcoal**

Sl. No.	Items of Work	Unit	Total Rate in Rs.
1	Cutting, felling of dead dying diseased trees/ ballies into billets by 3 hrs of unskilled labour	bag	82.50
2	Digging for making charcoal kiln with stocking of logs/ballies, branches, etc. i/c covering of kiln and adding logs/ballies with mud covering by 2 hrs of skilled labour	bag	106.00
3	Burning of kiln and adding logs/ballies with mud covering 2 hrs of skilled labourers	bag	53.00
4	Extinguishing and filling of charcoal into gunny bags using unskilled labour	bag	4.40
5	Carriage upto roadside	bag	11.00
6	Loading and unloading charge of unskilled labours	bag	13.20
7	Cost of gunny bag as per prevailing rate	bag	35.00
10	Contingencies for unforeseen expenditure @ 2 %		6.10
		Total	311.20

**VI. Schedule of Rate for Felling & Logging of Trees Posing Threat to Person & Property under Utilization Division**

Sl. No.	Girth class	Total Rate in Rs.		
		Easy	Moderate (33% additional)	Very difficult (66% additional)
1	3' to 5'	Rs. 8,845	Rs. 14,682	Rs. 19,527
2	5' to 7'	Rs. 14,740	Rs. 19,605	Rs. 26,074
3	7' to 8'	Rs. 21,083	Rs. 28,041	Rs. 37,294
4	8' to 9'	Rs. 23,193	Rs. 30,846	Rs. 41,026
5	9' to 10'	Rs. 27,409	Rs. 36,455	Rs. 48,485

- Note:**
1. Basis of expenditure is for engagement of high skilled loggers for removal of posing danger trees around town areas, National Highways, heavy traffic road side, densely populated areas, in front of institutions, quarters, offices and other areas which pose danger to human life and property.
  2. The rates will be categorised into easy, moderate and very difficult taking into account the following factors:-
    - a. Physical formation of tree i.e. degree of leaning, load of branch system, shape of stump & root system etc
    - b. Ingredient of land it stands on i.e. degree of slope, soil structure, vibration effect from traffic movement etc.
    - c. Locality factor i.e. presence of valuable structure, human habitation, density of commuters etc.in the precinct
    - d. Time factor i.e. work time wasted by traffic movement, commuters, difficulty in climbing or moving of logs
    - e. Organizing factors like level of cooperation from public, Police & other departments like Power,PHE.PWD and other public or private institutions concerned
  3. Responsibility of determining operational difficulty level lies with the DFO (Utilisation Division).

**VII. Schedule of Rate for Carriage of Forest Produce by Mechanical Means by Utilization Division of Forest, Environment & Wildlife Management Department**

<b>Sl. No.</b>	<b>Specification of Distance</b>	<b>Unit</b>	<b>Total Rate in Rs.</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
1	Within a distance of 0 to 5 km	cft	<b><u>Rs. 8</u></b>
2	Within a distance of 5 to 10 km	cft	<b><u>Rs. 11</u></b>
3	Within a distance of 10 to 15 km	cft	<b><u>Rs. 13</u></b>
4	Within a distance of 15 to 20 km	cft	<b><u>Rs. 16</u></b>
5	Within a distance of 20 to 30 km	cft	<b><u>Rs. 22</u></b>
6	Within a distance of 30 to 40 km	cft	<b><u>Rs. 28</u></b>
7	Within a distance of 40 to 50 km	cft	<b><u>Rs. 33</u></b>
8	Within a distance of 50 to 60 km	cft	<b><u>Rs. 39</u></b>
9	Within a distance of 60 to 75 km	cft	<b><u>Rs. 47</u></b>
10	Within a distance of 75 to 90 km	cft	<b><u>Rs. 56</u></b>
11	Within a distance of 90 to 105 km	cft	<b><u>Rs. 64</u></b>
12	Within a distance of 105 to 120 km	cft	<b><u>Rs. 73</u></b>

- Note:**
1. Old SPWD carriage rate given in column 4 pertains to Non-Stock materials like stone & sand which do not need deft handling but Forest Produce needs deft handling, tying up for secure journey & watch for theft.
  2. Basis for carriage rates proposed is 200cft for timber or 6 piles of firewood or 100 cfts of logs & poles in one truckload